

PERGAMENSHCHIKOV, M.B.

More about H pairs of congruences. Trudy TGU 160:39-44 '62.
(MIRA 17:1)

PERGAMENSHCHIKOV, M.B.

One pair of H-congruences. Izv. vys. ucheb. zav.; mat. no.3:91-98
'61. (MIRA 14:7)

1. Tomskiy gosudarstvennyy universitet imeni V.V. Kuybysheva.
(Congruences (Geometry))

PERGAMENSECHIKOV, M.B.

Configuration of H congruences. Dokl.AN SSSR 138 no.5:1020-1021
Je '61. (MIRA 14:6)

1. Tomskiy gosudarstvennyy universitet im. V.V.Kuybysheva.
Predstavлено академиком P.S.Aleksandrovym.
(Congruences and residues)

IVLEV, Ye.T.; PERGAMENSHCHIKOV, M.B.

A projective class of pairs of complexes. Dokl. AN Arm. SSSR
36 no.1:11-15 '63. (MIRA 17:1)

1. Predstavleno akademikom AN Armyanskoy SSR M.M. Dzhrbashyanom.

PERGAMENSHCHIKOV, M.B.; PETIN, V.A.

A pair of laminating linear surfaces. Trudy TGU 160:58-64 '62.
(MIRA 17:1)

PERGAMENSHCHIKOV, M.B.

H' congruences. Izv. vys. uch. zav.; mat. no.5:59-64 '62.
(MIRA 15:9)
1. Tomskiy gosudarstvennyy universitet imeni V.V.Kuybysheva.
(Congruences and residues)

PERGAMENT, A. I.

N/5
105.2
.A8

ZHILISHCHNOYE PRAVO (HOUSING LAWS, BY) S. I. ASKHAZIY, I. L. BRAUDE I
A. I. PERGAMENT. MOSKVA, GOSYURIZDAT, 1956. 229 p. (KURS SOVETSKOGO GRAZHLIAN-
SKOGO PRAVA) AT HEAD OF ADDED T. P. : MOSCOW. VSESOYUZNYI INSTITUT YURIDI-
CHESKIKH NAUK. BIBLIOGRAPHICAL FOOTNOTES.

PERGAMENT, A

I

N/5
105.232
.PL

ALIMENTNYYE OBYAZATEL'STVA PO SOVET-SKOMU PRAVU (ALIMENT CONTRACTS IN SOVIET LAW)

MOSKVA, GOSYURIZDAT, 1951.

166 P.

AT HEAD OF TITLE: MOSCOW, VSESOCYUZNYY INSTITUT YURIDICHESKIH NAUK.

BIBLIOGRAPHICAL FOOTNOTES.

COPY IN SOVIET

105.232

N/5

PERGAMENT, I.

Shock worker of communist labor. Mashinostroitel' no.3:3 Mr
'63. (MIRA 1614)
(Milling machines--Technological innovations)

PERGAMENT, I.M.

Pneumatic attachment for drilling bushings. Mashinostroitel'
no. 421 Ap'64 (MIRA 17:7)

"APPROVED FOR RELEASE: 06/15/2000

CIA-RDP86-00513R001240030004-7

VERGAMENT, I.M.

Device for cold hardening of flat shafts. Mashinostroitel' no.3:26
(MIRA 17:4)
Mr '64.

APPROVED FOR RELEASE: 06/15/2000

CIA-RDP86-00513R001240030004-7"

, AUTHOR:

Pergament, M. A.

SOV/20-120-3-48/67

TITLE:

Upper Cretaceous Deposits in the North-West Kamchatka
(Verkhnemelovyye otlozheniya severo-zapadnoy Kamchatki)

PERIODICAL:

Doklady Akademii nauk SSSR, 1958, Vol. 120, Nr 3, pp.609-612
(USSR)

ABSTRACT:

As an introduction a survey of the discovery and of the investigation of these sediments is given (Refs 1 - 6, 8, 9, 11 - 13, 19 and others). The sequence of stratification, the size and the age of the marine, continental and vulcanogenous masses has hitherto been judged very differently. One of the most complete and by fauna richly characterized cross sections is situated east of the Penzhinskaya bay. This region belongs to the front downwarping of the Nipponee geo-syncline; the former is separated from the Mesozoic fold region by the depression of the mentioned bay and the "vulcanogenous fringe". Subsequently a supporting cross section of the Aptian-Albian and the Upper Cretaceous sediments is given partly based upon data from publications (Ref 16), partly on own stratigraphic investigations of the author (1953 - 1956). The fossils were examined by M. I. Borsuk,

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PERGAMENT, I.M.

Innovators of the "Krasnodar" Plant. Mashinostroitel' no.11:
10 N '61. (MIRA 14:11)
(Rostov-on-Don--Agricultural machinery industry)

PERGAMENT, M.A.

Papers submitted for the 10th Pacific Science Congress, Honolulu, Hawaii 21 Aug-
6 Sep 1961.

- MASTROK, M. S.** Institute of Geology - "Tectonic depressions and troughs of east Asian type and their position in the systematics of tectonic forms" (Section VII.C)
- MATSUMOTO, T.** Nagoya University, Physical Faculty - "The measurement of the specific measurements of artificial radioactivity in upper layers of the ocean" (Section VII.C.6)
- MEDVEDEV, O. V.** Chair of Forests, The Agricultural Academy (Inst. K. A. Timiryazev) - "Forest fire research and methods of fire control" (Section VI.B)
- MEDVEDEV, V. A.** Institute of Geology and Hydrogeology "Biogeographical and morphological analysis of reproduction and development of plants in the seas of the northeast Pacific" (Section III.C)
- MEDVEDEV, V. V.** Institute of Oceanology - "Distribution of the horizontal currents offshore in the Pacific Ocean" (Section VII.B)
- MEDVEDEV, V. V.** Institute of Oceanology - "Distribution of the epibenthic distribution of flying fishes in the Pacific Ocean" (Section IV.C)
- MEDVEDEV, M. A.** Institute of Geology "Biogeographical horizons in the epibenthic assemblages of mammals" (Section VII.C)
- MEDVEDEV, V. V.** Institute of Oceanology - "On the processes of recent sedimentation in the western part of the equatorial zone in the Pacific" (Section VII.C.1)
- MEDVEDEV, V. V.** Institute of Earth Physics (Inst. G. Yu. Schmidt) - "The seismic geological conditions in the northwestern outlying area of the Pacific basin" (Section VII.C.2)
- MEDVEDEV, V. A.** Institute of Oceanology - "Biogeography in the northern part of the Pacific" (Section III.C)
- MEDVEDEV, V. A.** Institute of Geology "The problem of the setting land bridge from the ecological point of view" (Section III.A.3.a)
- MEDVEDEV, V. V.** Institute of Geology - "Some specific features in the seismics of the north part of the Pacific basin" (Section VII.C)
- MEDVEDEV, V. V.** Institute of Oceanology "Physical oceanography" - "A new approach to the study of ocean currents" (Section VII.C.5)
- MEDVEDEV, V. A.** Institute of Geology - "On the stability and inheritance of structural elements in the frame of the Pacific Ocean" (Section III.C)
- MEDVEDEV, V. A.** Institute of Oceanology - "Organic substance in bottom sediments in the western part of the Pacific" (Section VII.C.1)
- MEDVEDEV, V. A.** Institute of Earth Physics (Inst. G. Yu. Schmidt) - "Relations between deep focus earthquakes in the eastern margin of Asia and large structures of the earth crust" (Section VII.C.1)
- MEDVEDEV, V. A.** Institute of Oceanology "Geophysical regularities in regard to reproduction and development of sable fishes in the northern part of the Pacific" (Section III.C)
- MEDVEDEV, V. A.** Institute of Oceanology "Organic substance in bottom sediments in the northern part of the Pacific" (Section VII.C.1)
- MEDVEDEV, V. A.** Institute of Geology "The eastern margin of the Pacific" (Section VII.C.1)
- MEDVEDEV, V. A.** Institute of Geology "Problems connected with the theory of formation of the temperature regime in sea and ocean" (Section VII.C)
- MEDVEDEV, V. A.** Institute of Oceanology "Geographical position of the ocean currents related to hydrozonation" "Geographical position of the ocean currents" (Section VII.C.4)
- MEDVEDEV, V. A.** Institute of Geology "Paleogenous faunifers of Kazakhstan" (Section VII.C.5)
- MEDVEDEV, V. A.** Institute of Oceanology - "Vertebrates and mammals in the waters of the Pacific" (Section VII.C.1)
- MEDVEDEV, V. A.** Institute of Earth Physics (Inst. G. Yu. Schmidt) - "Mechanism of ocean waves (1) origin" (Section VII.C.2)
- MEDVEDEV, V. A.** Institute of Oceanology "The central organization of Leningrad - "The main problems of marine biology geography and their significance for prophylactic medicine" (Section VII.C.3)
- MEDVEDEV, V. A.** Institute of Geophysics Studies - "Geotectonics of Antarctica" (Section VII.B.1)
- MEDVEDEV, V. A.** Institute of Geophysics - "Methods for measuring deep currents in the ocean and some results of their application in the Pacific Ocean" (Section VII.B.5)

PERGAMENT, M. A.: Master Geolog-Mineralo Sci (diss) -- "The stratigraphy of the Upper Cretaceous deposits of northwestern Kamchatka (Penzhinsky Rayon)". Moscow, 1958. 24 pp (Acad Sci USSR, Geol Inst), 180 copies (KL, № 5, 1959, 146)

AUTHOR:

Pergament, M.A.

SCV-5-58-2-22/43

TITLE:

The Stratigraphy of the Deposits of the Aptian-Albian Stage
and the Cretaceous Period in North-West Kamchatka (Strati-
grafiya apt-al'bskikh i verkhnemelovykh otlozheniy severo-
zapadnoy Kamchatskiy)

PERIODICAL:

Byulleten' Moskovskogo obshchestva ispytateley prirody -
Otdel geologicheskiy, 1958, Nr 2, pp 147-148 (USSR)

ABSTRACT:

Research done during 1953-1957 has refuted former con-
ceptions of the stratigraphy of chalk deposits in the regions
east of the shore of the bay of Penzhin (see Table 1). Ac-
cording to many fossils discovered by the author and V.N.
Vereshchagin, chalk deposits of north-west Kamchatka can
positively be compared with the chalk distribution in northern
countries of the Pacific coast. In connection with this work,
the author mentions the names of the scientists A.N. Krish-
tofovich, S.A. Dobrov, N.M. Yanchuk, N.M. Markin. A comparison
of the chalk profiles of the northern regions of the Japanese
geosyncline shows that the basic tectonic movements took
place: a) in the Pre-Aptian; b) in the Pre-Senonian Stage;

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SOV-5-58-2-22/43

The Stratigraphy of the Deposits of the Aptian-Albian Stage and the Cretaceous Period in North-West Kamchatka

c) before the Upper Turonian Stage - the Lower Senoman Stage;
d) at the end of the Upper Cretaceous period - the beginning
of the Paleogene.

There is 1 table.

1. Geology—USSR 2. Geophysical prospecting 3. Rock—
Geophysical factors

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SOV/20-120-3-48/67

Upper Cretaceous Deposits in the North-West Kamchatka

V. N. Vereshchagin, A. F. Yefimova and the author. The Aptian-Albian sediments of the Lower Cretaceous age are divided into three suites: 1) The lowest, the suite of the "Mamut-chinskij" mountains with a thickness of more than 1300 m. On these, the Karmalivnyamskaya suite is deposited (up to 1400 m). This series is held to be correlated with sediments of Anadyr', Kennikot in Alaska and Miyako (Japan). The oldest sediments of the Upper Cretaceous age are sediments of the Esgichninvayamskaya series which contain fauna identical with that of the lower parts of the Gilyakskaya series of Sakhalin and Japan (Refs 21, 25). More recent deposits are unified in the Talovskaya series. They are divided into two horizons, each of them showing a particular paleontological complex. To the north west these sediments are replaced by the sand-conglomerates of the Valizhgenskaya suite (up to 500 m). The Bystrinskaya suite is everywhere connected with the Penzhinskiy horizon by transitions. The Talovskaya series is coordinated with the Upper Turonian and the Lower Senonian forms, with the series Urakava and the upper part of the Gilyakskaya series of Japan. The upper layers of the clayey

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SOV/20-127-5-13 67

' Upper Cretaceous Deposits in the North-West Kamchatka

rohists of the Matanucka suite of Alaska and almost the entire series Khetonay of Japan are of the same age as the Avalkalanskaya series (Upper Cenonian stage). It here borders the Upper Cretaceous cross section and comprises the Veselovskaya and the Pillalvayamskaya suites (each from 600 to 700 m). The problem of the separation of the Danien stage still remains unsettled. The correlation scheme of the mentioned depcsits is given (Table 1). There are 1 table and 27 references, 20 of which are Soviet.

PRESENTED: January 25, 1958, by N. S. Shatskiy, Member, Academy of Sciences, USSR

SUBMITTED: January 23, 1958

Card 3/4

. Upper Cretaceous Deposits in the North-West Kamchatka SOV/20-120-3-48/67

1. Paleoecology 2. Geological time--Determination

Card 4/4

· 3 (5)

AUTHOR:

Pergament, M. A.

SOV/20-128-4-48/65

TITLE:

On the Position of the "Trigonia Zone" in the Cretaceous Deposits of the Soviet Far East

PERIODICAL:

Doklady Akademii nauk SSSR, 1959, Vol 128, Nr 4, pp 809 - 811 (USSR)

ABSTRACT:

A. N. Krishtofovich considered the "Trigonia zone" as the oldest paleontologically characterized rocks of the island of Sakhalin. This was the marine facies of the lower part of the so-called Ainusskiy series. I. Hayasaka found 3 species identical to Japanese ones (Refs 3,4,14,18-20) in the mollusk yield of Cape Khoy (collected by A. N. Krishtofovich). The pelecypods collected near Cape Khoy were described by K. Yabe and T. Nagao and assigned to the Gilyatskiy series. They were correlated with the Trigonia sandstones of Hokkeido. In 1945 Ye. V. Liverovskaya raised the problem of the strata of Cape Khoy again (synonymous with the Trigonia zone). She determined from the collection of N. S. Yerofeyev a very peculiar faunal assemblage which contained only a few members identical to those of the Cretaceous sediments of Japan. This author asserted that the fauna previously mentioned has to be regarded

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On the Position of the "Trigonia Zone" in the
Cretaceous Deposits of the Soviet Far East

SOV/20-128-4-48/65

as the oldest one of Sakhalin since some research workers assume it to be of Senomanian, others of Turonian age. The author concludes from these data as well as further Japanese publications (Ref 11 and Kanekhara, 1926) that it is generally believed that the "Trigonia zone" rests on the base of the Upper Cretaceous of Sakhalin and corresponds to the Trigonia sandstones of Japan. The author analyzes further faunal discoveries in the rocks here under discussion (Ye. M. Smekhov, Ref 9, A. A. Kapitsa) and the final conclusions of A. Ye. Glazunova, furthermore of N. S. Voronets (Ref 1) as well as of several Japanese authors. The author himself arrives at the conclusion that the mollusk species characteristic of the "Trigonia zone" occur in strata of different stratigraphic level together with characteristic Albian-Senomanian through Upper Senonian fossils. Therefore, a special investigation of the fauna of the Trigonia zone as well as of its distribution in the cross sections of Cretaceous rocks of the regions here discussed is necessary. The age determinations for Trigonia and other forms must therefore also be very carefully carried out, especially in Sakhalin. In many cases even a revision of the

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On the Position of the "Trigonia Zone" in the
Cretaceous Deposits of the Soviet Far East

SOV/20-128-4-46/65

hitherto concepts is necessary. The Avalkalanskaya series (Northwest Kamchatka) must therefore not be correlated with the Aynusskaya block ("Trigonia zone") of Sakhalin. Corresponding to this group of rocks are the "upper complex" or the Sakutanskaya suite of South-Sakhalin and alternating marine and coal-bearing formations of the Orochenskaya block of North-Sakhalin which contain a varied Senonian fauna (Ref 9). There are 20 references, 9 of which are Soviet.

ASSOCIATION: Geologicheskiy institut Akademii nauk SSSR (Geological Institute of the Academy of Sciences, USSR)

PRESENTED: May 21, 1959, by N. S. Shatskiy, Academician

SUBMITTED: May 14, 1959

Card 3/3

PERGAMENT, M.A.; SHATSKIY, N.S., akademik, glavnnyy red. [deceased]; KELLER,
B.M., qtv.red.; GALUSHKO, Ya.A., red.izd-va; MARKOVICH, S.M., tekhn.
red.; MAKAGONOVA, I.A., tekhn.red.

[Upper Cretaceous stratigraphy of northwestern Kamchatka (Penzhinsky District)] Stratigrafiia verkhnemelovykh otlozhenii Severo-Zapadnoi Kamchatskii paion. Moskva, Izd-vo Akad.nauk SSSR., 1961
145 p. (Akademiia nauk SSSR. Geologicheskii institut. Trudy,
no.39). (MIRA 14:5)

(Penzhinsky District--Geology, Stratigraphic)

PERGAMENT, M. A.

Cretaceous Inoceramus in the northern part of the Pacific area. Izv. AN SSSR Ser. geol. 27 no.10:55-68 0 '62.
(MIRA 15:10)

1. Geologicheskiy institut AN SSSR, Moskva.

(Pacific area—Mytilacea, Fossil)

DRUSHCHITS, V.V.; PERGAMENT, M.A.

Upper Cretaceous genus Nipponites from Kamchatka and Sakhalin.
Paleont. zhur. no.2:38-42 '63. (MIRA 16:8)

1. Moskovskiy gosudarstvennyy universitet.
(Kamchatka--Ammonoidea) (Sakhalin--Ammonoidea)

AVDEYKO, G. P.; FERGAMENT, M. A.

Problems of the stratigraphy of the Lower Cretaceous sediments
in the Koryak-Kamchatka region. Izv AN SSSR Ser geol 29 no. 5:
76-88 My '64. (MIRA 1':5)

1. Institut vulkanologii Sibirskogo otdeleniya AN SSSR,
Kamchatka, i Geologicheskiy institut AN SSSR, Moskva.

PERGAMENT, M.A.

Lower Cretaceous Inoceramus zones in the northwestern part of the
Pacific Ocean. Izv. AN SSSR. Ser. geol. 39 no.3:104-114 Mr. 65.
(MIRA 18 2)

1. Geologicheskiy institut AN SSSR, Moskva.

PERGAMENT, Mikhail Abramovich; MIKHAYLOV, N.P., otv. red.;
PEYVE, A.V., akademik, glavnnyy red.; KUZNETSOVA, K.I., red.;
MENNER, V.V., red.; TIMOFEEV, P.P., red.

[Inoceramus and Cretaceous stratigraphy of the Pacific area.]
Inotseryny i stratigrafiia mela Tikhookeanskoi oblasti.
Moskva, Nauka, 1965. 101 p. (Akademiia nauk SSSR. Geologicheskii institut. Trudy, no.118) (MIRA 1:9)

MENNER, V.V.; PERGAMENT, M.A.

In memory of Vladimir Pavlovich Rengarten, 1882-1964, Sov.geol.
8 no.2164-165 F '65. (MIRA 18-12)

PERGAMENT, M. I. KOMELKOV, V. S. NESTERIKHIN, YU. E.

Electron Optical High Speed Camera for the Investigation of Transient Processes.

report submitted for; The 5th International High Speed Photography Congress,
Washington, D. C. 16-22 Oct., 1960.

PERGAMENT, M. I., ISEREVITINOV, S. S., VASILIYEV, V. I., ARETOV, G. N.,
KOMELKOV, V. S.,

"The Structure of Plasmoids of Coaxial Injector,"

report presented at the 6th Intl. Conf. on Ionization Phenomena in Gases,
Paris, France, 8-13 Jul 63

ACCESSION NR: AT4025288

S/0000/63/000/000/0010/0020

AUTHOR: Pergament, M. I.; Vasil'yev, V. I.; Komal'kov, V. S.; Tserevitinov, S. S.

TITLE: Investigation of injection and pinching of a plasma with the aid of an electron-optical time magnifier

SOURCE: Diagnostika plazmy* (Plasma diagnostics); sb. statey. Moscow, Gosatomizdat, 1963, 10-20

TOPIC TAGS: plasmoid, plasma injection, plasma confinement, electrooptical effect

ABSTRACT: The injection and pinching of a plasma was investigated by means of an electron-optical "time magnifier" technique which was developed by the authors earlier (*Trudy* 2-go vsesoyuznogo soveshchaniya po vy*skokorostnoy fotografii i kinematografii*, Moscow, 1960, AN SSSR, 1963). A series of photographs was taken at a rate of 10^5 -- 5×10^6 frames per second and an exposure of 5×10^{-3} -- 5×10^{-6} sec. The series consisted of 4, 8, or 16 frames spaced 0 -- 10^{-4} sec apart. Each frame measured 5×5 mm and the resolution time was 30 pairs of lines per millimeter. The adjustment necessary to obtain optimal conditions of the "time magnifier" are described in detail. Some of the data obtained in the photographs are compared with oscillographic data. On the basis of an analysis of both the

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photographs in the oscillograms it is suggested that the plasmoid consists of three principal parts: non-glowing highly ionized region, a region of intense impurity emission, and a region detached from the two walls, with bright deuterium lines, having a conical front. The latter region should have a low temperature, (i.e., weak ionization), because it does not crowd out the magnetic field well. These conclusions are confirmed by a study of the time variation of the intensities of the individual spectral lines at different points of the plasma loop, using a monochromator with a photomultiplier. The pinching of an injected plasma by rapidly growing fields and a study of a plasma injector based on the "gushing pinch" (V. S. Komelkov et. al., Proceedings Fifth International Conference on Ionization Phenomena in Gases, Munich, 1961, v. II. p. 2190, North Holland, Amsterdam, 1962) were also investigated by this technique and it is shown that it provides information not readily available by other means. Orig. art. has: 5 figures.

ASSOCIATION: None

SUBMITTED: 19Oct63

DATE ACQ: 16Apr64

ENCL: 00

SUB CODE: ME

NR REF SOV: 004

OTHER: 001

Card 2/2

8/0057/64/034/007/1191/1198

ACCESSION NR: AP4041993

AUTHOR: Aretov,G.N.; Vasil'yev,V.I.; Komel'kov,Y.S.; Pergament,M.I.; Tserevithinov,
S.S.

TITLE: The structure of plasma bursts from a coaxial plasma gun

SOURCE: Zhurnal tekhnicheskoy fiziki, v.34, no.7, 1964, 1191-1198

TOPIC TAGS: plasma, plasmoid, plasma gun, plasma diagnostics

ABSTRACT: The plasma bursts ejected by a coaxial plasma gun were examined with a battery of diagnostic devices, and the results are presented and discussed in some detail. The plasma gun was similar to that described by J.Marshall (Phys.of Fluids 3,134,1960) and employed electrodes 3.2 and 7.0 cm in diameter and 31 cm long. Deuterium was admitted through openings in the inner electrode located 17 cm from the output end of the gun. The gun was powered by a 50 microfarad capacitor bank charged in most of the experiments to 5 kV. The inductance of the system was 40 cm, the oscillation period was 11.4 microsec, and the peak current was 110 kA. The plasmas were observed in a 10 cm diameter 80 cm long glass drift tube. The energy distribution, both transverse and longitudinal, was measured with calorimeters. The thermal

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ACCESSION NR: AP4041993

probe for measuring the longitudinal energy distribution employed a 6 micron thick platinum foil. The distortion of a local 100 to 200 Oe magnetic field by the passage of the plasma was observed, and in other experiments the longitudinal magnetic field of the plasma was recorded in the absence of external fields. The conductivity was estimated from the rate of diffusion into the plasma of a longitudinal magnetic field filling the drift tube. The plasma was probed with 4 mm microwaves. The total radiation in the visible and near ultraviolet was recorded, and the time variation of the intensity of separate spectrum lines was observed. High speed photographs were made at the rate of 10^6 frames per second. These photographs were made both with the general radiation and with β radiation. The plasmoids were found to consist of three distinct portions which became spatially separated during the drift because of their different velocities. The most rapid portion (velocity up to 3×10^7 cm/sec), in which the particle density reached 2×10^{15} cm $^{-3}$ and the electron temperature reached 6 eV, was non-luminous and consisted of pure almost completely ionized deuterium. Following the pure deuterium region was a less dense less rapid impurity zone in which line of carbon and copper were observed. Finally came a slow (6×10^6 cm/sec), dense, intensely luminous region containing considerable un-ionized gas. The charged particle density in this region was 5×10^{15} cm $^{-3}$. "The

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Card

ACCESSION: AP4041993

authors express their gratitude to Yu.V.Skvortsov, for valuable discussions, to G. I.Yevstratov, F.Ya.Nikolayev, V.V.Semiglazov, P.T.Shevtsov and A.I.Yaroslavskiy who participated in the experiment, and also to T.I.Spkolova and V.D.Strizhanova for assistance in the presentation of the results." Orig.art.has: 7 figures.'

ASSOCIATION: none

SUBMITTED: 31Jul63

ENCL: 00

SUB CODE: ME

NR REF Sov: 006

OTHER: 003

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Card

PERGAMENT, M.I.; NESTERIKHIN, Yu.Ye.; KOMEL'KOV, V.S.

Electron optical high-speed motion-picture cameras for the
study of fast events. Usp.nauch.fot. 9:64-71 '64.
(MIRA 18:01)

PERGAMENT, T.S.
PERGAMENT, T.S.

Distribution of benthos in the littoral zone of the Eastern Murman
Coast. Trudy Murm. biol. sta. 3:75-89 '57. (MIRA 11:2)
(Murman Coast--Marine Fauna)

PERGAMENT, T.S.

Echiuroid fauna of the Far Eastern seas of the U.S.S.R. Issl.
dal'nevost.mor.SSSR no.7:144-150 '61. (MIRA 1445)
(Pacific Ocean—Echiuroidea)

LINDBERG, G.U.; SHCHEDRINA, Z.G.; DOGEL', V.A.; RESHETNYAK, V.V.; STRELKOV, A.A.; KOLTUN, V.M.; NAUMOV, D.V.; IVANOV, A.V.; BYKHOVSKIY, B.Ye. ZHUKOV, Ye.V.; PERGAMENT, T.S.; KOHOTKEVICH, V.S.; USHAKOV, P.V.; KLYUGR, G.A.; ANDROSOVA, Ye.I.; GOSTILOVSKAYA, M.G.; BRODSKIY, K.A.; GUSEV, A.V.; TARASOV, N.I.; GUR'YANOVA, Ye.F.; VAGIN, V.L.; IOMAKINA, N.B.; BULYCHEVA, A.I.; KOBYAKOVA, Z.I.; LOZINO-LOZINSKIY, L.K.; YAKOVLEVVA, A.M.; GAIKIN, Yu.I.; SKARIATO, O.A.; AKIMUSHKIN, I.I.; D'YAKONOV, A.M.; BARANOVA, Z.I.; SAVEL'YEVA, T.S.; SKALIKIN, V.A.

List of the fauna of marine waters of southern Sakhalin and southern Kuriles. Issl.dal'nevost.mor.SSSR no.6:173-256 '59.
(MIRA 13:3)

1. Zoologicheskiy institut AN SSSR.
(Sakhalin--Marine fauna)
(Kurile Islands--Marine fauna)

PPIGAMENT, T.S.: USHAKOV, P.V.; SHTAKEL'BERG, A.A.

In memory of N.P. Annenkova (1887-1950). Trudy zool. inst. 12:418-421 !52.
(MLBA 6:6)

(Annenkova, Nadeshda Pavlovna, 1887-1950)

PERGAMENT, T.S.

Factors affecting the agglomeration of Gammarus locusta (l.).
Dokl. AN SSSR 93 no.5:925-928 D '53. (MIRA 6:12)

1. Murmanskaya biologicheskaya stantsiya Kol'skogo filiala Akademii
nauk SSSR. Predstavлено akademikom Ye.I. Pavlovskim.
(Amphipoda)

PERGAMENT, T.S.

AKUNUSHKIN, I.I.; BARANOVA, Z.I.; BRODSKIY, K.A.; VIRKETIS, M.A.;
VOLODCHIKO, N.I.; GALKIN, Yu.I.; GUR'YANOVA, Ye.F.; DOGEL'
V.A.; D'YAKOVOV, A.M.; ZEVINA, G.B.; IVANOV, A.V.; KIR'YANOVA,
Ye.S.; KOBYAKOVA, Z.I.; KOLTUN, V.M.; KONZHUKOVA, Ye.D.;
KOROTKEVICH, V.S.; KLYUZE, G.A.; LOZINA-LOZINSKIY, L.K.;
LOMAKINA, N.B.; NAUMOV, D.V.; PERGAMENT, T.S.; RISHETNIK,
V.V.; SAVEL'YEVA, T.S.; SKARLATOV, U.A.; SOKOLOV, I.I.;
STRELKOV, A.A.; TARASOV, N.I.; USHAKOV, P.V.; SHCHEGININA, Z.G.
YAKOVLEVA, A.M.; USHAKOV, P.V., obshchiy rukovoditel';
PAVLOVSKIY, Ye.N., akademik, redaktor; STRELKOV, A.A. redaktor;
BRODSKIY, K.A., redaktor; ARONS, R.A., tekhnicheskiy redaktor.

[Atlas of invertebrates of the Far East seas of the U.S.S.R.]

Atlas bespozvonochnykh dal'nevostochnykh morei SSSR. Moskva,
Izd-vo Akad.nauk SSSR, 1955. 240 p., 66 plates. (MLRA 8:10)

1. Akademiya nauk SSSR. Zoologicheskiy institut.
(Soviet Far East--Invertebrates)

1 61123-65 EED-2/EED-2/ECC(k)-2/EWT(d)/EWT(1)/FBD/FS(v)-3/T-2/BU(d)/ECC(8)-3
ACCESSION NR! AP5021256 FSS-2 CW/WR (UR)0293/65/003/004/0630/0635
621.397.13.629.19 Z-8

AUTHOR: Agapov, Ye. S.; Anisimov, V. I.; Mozhzherin, V. M.; Nikonov, V. B.
Prokof'yeva, V. V.; Ternament, V. I.; Vinenok, S. M.

TITLE: Observations of artificial earth satellites by television

SOURCE: Kosmicheskiye issledovaniya, v. 3, no. 4, 1965, 630-635

TOPIC TAGS: satellite observation, Gelios 53 lens, earth satellite, television observation, optical

ABSTRACT: The results are given of observations of artificial earth satellites made with a highly sensitive television system employing a Gelios-53 lens ($D = 80$ mm, $F = 200$ mm) and mounted on an APSH-30 parallactic stand. The observations were made in accordance with computed ephemerides. All predicted satellite passages were detected visually and recorded photographically. These visual observations proved that the television system was capable of detecting the satellite's position on the negative ease. Notwithstanding the short focal length, stellar magnitude of 8-9 with relative ease. notwithstanding the short focal length, the satellite's position on the negative could be determined with an acceptable degree of accuracy. Orig. art. has: 8 figures. [DM]

cord 1/2

L 64123-65
ACCESSION NR: AP5021256

ASSOCIATION: none

SUBMITTED: 28Feb64

ENCL: 00

SUB CODE: SV, DC

NO REF Sov: 005

OTHER: 001

ATTD PRESS: 4070

KC
Card 2/2

PERGAMENT, Ye.B., inzh.

Chain jack for penetrating the soil under roads. Energetik
8 no.2:24-26 F '60. (MIRA 13:6)
(Lifting jacks) (Electric lines--Underground)

PERGAMENT, Ye.B., mekhanik

Punching of holes in hollow concrete coverings. Energetik 9
no.12:18-19 D '61. (MIRA 15:1)
(Electric wiring--Equipment and supplies)

BERGAMENT, Ye.B.

Experiments in mechanization at the Magnitogorsk electrical installation center. Prom. energ. 15 no.10;34-39 0 '60. (MIRA 13:11)
(Magnitogorsk—Electric lines—Underground)

PERGAMENT. Ye. R. Inzhener.

Press for punching openings in pull boxes. Energetik 5 no.5:26-27
My '57. (MIRA 10:6)
(Sheet-metal work) (Electric cables)

PERGAMENT, Ye.B., glavnyy mekhanik.

Making lead couplings by extrusion. Energetic 3 no.12:13-19
D '55.
(Extrusion process) (Electric cables)

AUTHOR: Pergament, Ye. Br., Mechanic SOV/91-58-12-15/20

TITLE: On Using a Truck Loader for Ramming In Ground Electrodes
(Primeneniye avtopogruzchika dlya zabivki elektrodov zemleniya)

PERIODICAL: Energetik, 1958, Nr 12, pp 23-25 (USSR)

ABSTRACT: The author lists the drawbacks of other methods to drive ground electrodes into the earth (the manual method and other mechanical methods). Then he describes and illustrates the new method developed by the Magnitogorskoye elektro-montazhnoye upravleniye (the Magnitogorsk office for the erection and installation of electrical equipment). It consists in converting a truck loader into a sort of percussion drill-derrick. The weight used for ramming was 140 kg. A total of 16 to 20 electrodes can be driven into the ground during one shift. There are 3 diagrams and 1 photo.

Card 1/1

8(3)

SOV/91-59-6-15/33

AUTHOR: Pergament, Ye.B.

TITLE: Fastening of Electric Wire to Wire Carriers with Poly-chlorvinyl Rings

PERIODICAL: Energetik, 1959, Nr 6, pp 20-21 (USSR)

ABSTRACT: Quite a lot of copper tie wire used for fastening electric wires to wire carriers is wasted through clipping off the ends. Besides, the tie wire injures the fitter's hands. The Magnitogorskoye upravleniye (Magnitogorsk Administration) introduced a new method of fastening the electric wires to the wire carriers by chlorvinyl rings, which eliminates the above named shortcomings and reduces the time of fastening from 43 to 21 seconds. Figure 1 shows two variants of the application of such rings. The rings can be made by local means from wastes of cable insulation. The polychlorvinyl waste is heated to 150-

Card 1/2 160°C and then in a dough-like form is pressed into

Fastening of Electric Wire to Wire Carriers with Polychlorvinyl
Rings SOV/91-59-6-15/33

a press mould. The hose thus obtained is then cut in a lathe into 2 mm wide rings. The screw press can produce 60 hoses per shift, sufficient for preparing about 3,500 rings. The screw press and the press mould are heated by a spiral, wound around and fed from the low-voltage section of a welding transformer. There are 2 diagrams and 1 set of drawings.

Card 2/2

PERGAMENT, Ye.B., glavnnyy mekhanik.

Making staples for fastening THVK wires. Energetik 5 no.1:
27-28 Ja '57. (MLRA 10±2)

(Staples and stapling machines)

APPENDIX, Y2-7.

Subject : USSR/Electricity AID P - 3708
Card 1/1 Pub. 29 - 13/25
Author : Pergament, Ye. B., Chief mechanic
Title : Manufacturing lead couplings by extrusion
Periodical : Energetik, 12, 18-19, D 1955
Abstract : The author enumerates the various methods of manufacturing lead couplings discussing their advantages and disadvantages. He considers the method of pressing couplings out of specially prepared forms as most advantageous. Two drawings, 1 photograph.
Institution : None
Submitted : No date

16.4500 16.3400

29808

S/020/61/140/006/002/030
C111/C444

AUTHORS:

Lebedev, N. N., Pergamentseva, E. D.

TITLE:

Integral equations for the periodic solutions of
Whittaker's equation

PERIODICAL:

Akademiya nauk SSSR. Doklady, v. 140, no. 6, 1961,
1252-1254

TEXT: The equation

$$\frac{d^2u}{dx^2} + \left[A - (p+1) l \cos 2x + \frac{1}{8} l^2 \cos 4x \right] u = 0 \quad (1)$$

possesses as is well-known periodic solutions (period π or 2π) for every choice of p and l at a suitable choice of A . Such periodic solutions satisfy the integral equations

$$u(x) = \lambda \int_{-\pi}^{\pi} K(x,y) u(y) dy \quad (2)$$

the kernels of which satisfy

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S/020, 140/006/002/030
C111/C444

Integral equations for the periodic

$$K = e^{-1/4} (\cos 2x + \cos 2y) \cos x \cos y \times$$

$$\times F\left(\frac{1-v}{2}, \frac{3}{2}; 1; \cos^2 x \cos^2 y\right) F\left(\frac{v-p}{2}, \frac{1}{2}; -1; \sin^2 x \sin^2 y\right); \quad (8)$$

for uneven integrals with the period π

$$K = e^{-1/4} (\cos 2x + \cos 2y) \sin 2x \sin 2y \times$$

$$\times F\left(\frac{1-v}{2}, \frac{3}{2}; 1; \cos^2 x \cos^2 y\right) F\left(\frac{v-p+1}{2}, \frac{3}{2}; -1; \sin^2 x \sin^2 y\right); \quad (9)$$

and for uneven integrals with the period 2π

$$K = e^{-1/4} (\cos 2x + \cos 2y) \sin x \sin y \times$$

$$\times F\left(-\frac{v}{2}, \frac{1}{2}; 1; \cos^2 x \cos^2 y\right) F\left(\frac{v-p+1}{2}, \frac{3}{2}; -1; \sin^2 x \sin^2 y\right) \quad (10)$$

where v is a free parameter, $F(\alpha, \beta; z)$ is a degenerated hypergeometric function. If g is searched in the shape of

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29808
S/020/61/140/006/002/030

Integral equations for the periodic . . . C111/C444

$$g = \cos^k(x-y) \varphi (\cos 2x + \cos 2y), k = 0, 1, 2, \dots \quad (11)$$

then one obtains

$$K = e^{-1/4} \int (\cos 2x + \cos 2y) \cos^k(x-y) F\left(\frac{k-p}{2}, k+1; \frac{1}{2}\right) (\cos 2x + \cos 2y), \\ k = 0, 1, 2, \dots \quad (12)$$

For even k the kernels (12) correspond to solutions of (1) with the period π , for uneven k they correspond to solutions with the period 2π . For $k = p$ (p being a positive integer) (12) gives the kernel of Whittaker (Ref. 1: E. T. Whittaker, Proc. Edinb. Math. Soc., 33, 14 (1915)).

If $p = 2n$, $n = 0, 1, 2, \dots$, and if in (7) one puts $v = 2m$, $m = 0, 1, \dots, n$, then one obtains

$$K = e^{-1/4} (\cos 2x + \cos 2y) H_{2m}(\sqrt{1} \cos x \cos y) H_{2(n-m)}(\sqrt{-1} \sin x \sin y), \quad (13)$$

Card 4/5

29808

S/020/61/140/006/002/030
C111/C444

Integral equations for the periodic
where $H_n(z)$ is an Hermitian polynomial. If simultaneously $l \rightarrow 0$, $p \rightarrow \infty$
and $p_1 \rightarrow 2q$, q being finite, then (1) turns into a Mathieu equation
and (7) - (10) into the following kernels:

$\text{ch}(2\sqrt{q} \sin x \sin y)$, $\cos x \cos y \text{ ch}(2\sqrt{q} \sin x \sin y)$
 $\cos x \cos y \text{ sh}(2\sqrt{q} \sin x \sin y)$, $\text{sh}(2\sqrt{q} \sin x \sin y)$. (16)

Several more limiting processes are considered. There are 2 Soviet-bloc and 2 non-Soviet-bloc references. The 2 reference to English-language publications read as follows: E. T. Whittaker Proc. Edinb. Math. Soc., 33, 14 (1915); E. L. Ince, Proc. Lond. Math. Soc. (2), 23, 56 (1924).

ASSOCIATION: Fiziko-Tekhnicheskiy institut Akademii nauk SSSR
(Physicotechnical Institute of the Academy of Sciences USSR)
PRESENTED: May 27, 1961, by V. J. Smirnov, Academician
SUBMITTED: May 13, 1961

Card 5/5

15

16(1)

AUTHOR: Pergamentseva, E.D.

SOV/42-14-1-17/27

TITLE: Integral Equations for Lamé Functions With the Period 8K.
Connection With the Conformal Mapping of a Halfstrip With
a Semicircular Cutout (Integral'nyye uravneniya dlya funktsiy
Lame, imeyushchikh period 8K, v svyazi s zadachey konformnogo
otobrazheniya polupolosy s polukruglym vrezom)

PERIODICAL: Uspekhi matematicheskikh nauk, 1959, Vol 14, Nr 1, pp 207-214 (USSR)

ABSTRACT: In an earlier paper [Ref 7] the author treated the conformal mapping of a halfstrip with a semicircular cutout; the mapping function $z(w)$ was obtained as a quotient of two integrals of the Lamé equation $\frac{d^2u}{dw^2} - (\frac{1}{4} du^2 w + h)u = 0$. Now these results are used for obtaining integral equations for an even and an odd Lamé function with the period $4K$. These latter satisfy the equations of the type $u(w) = \lambda \int_{-4K}^{4K} g(w,s)u(s)ds$, where the kernel

Card 1/2

Integral Equations for Lamé Functions With the
Period $8K$. Connection With the Conformal Mapping
of a Halfstrip With a Semicircular Cutout

SOV/42-14-1-17/27

can be expressed by elliptic and hypergeometrical functions.
The author thanks V.A.Yakubovich and N.N.Lebedev for assistance.
There is 1 figure, and 8 references, 3 of which are Soviet,
4 English, and 1 German.

SUBMITTED: December 2, 1957

Card 2/2

E
PARKHOMENKO, E.D., Cand Phys.-math Sci--(diss) "On the transformation
of certain types of circular polygons." (in, 1977, 1978, 1979, 1980, 1981, 1982,
(Len Ordor of Sci. Stat. Univ A.A. Zhdanov), 100 copies. Ill. by:
pp 14-15 (17 titles) (IL, 26-51,105)

PERGAMENTSEVA, E.D.

Integral equations for Lame's functions, having a period of $8K$,
in connection with the conformal-mapping problem of a semistrip
with a semicircular cut. Usp. mat.nauk 14 no.1:207-213 Ja-F '59.
(MIRA 12:3)

(Integral equations) (Conformal mapping)

PERGAMENTSEVA, B.D.

Conformal mapping of a quadrangle limited by arcs of circles.
Usp.mat.nauk 12 no.2(74):159-168 Mr-Ap '57. (MIRA 10:7)
(Conformal mapping)

LEBEDEV, N.N.; PERGAMENTSEVA, E.D.

Integral equations for periodic solutions to Whittaker's equation.
Dokl. AN SSSR 140 no.6:1252-1254 O '61. (MIRA 14:11)

1. Fiziko-tehnicheskiy institut Akademii nauk SSSR. Predstavleno
akademikom V.I.Smirnovym.
(Integral equations)

PERGAMENZEVA, Ye.D

SUBJECT USSR/MATHEMATICS/Theory of functions CARD 1/1 PG - 829
AUTHOR PERGAMEEVA E.D.
TITLE On the case of the conformal mapping of a spherical quadrangle.
PERIODICAL Uspechi mat.Nauk 12, 2, 159-168 (1957)
reviewed 6/1957

Joining a paper of Fok (Journ. reine und angew.Math. 161, 3, 137-151 (1929))
the author solves the problem of conformal mapping of a spherical quadrangle
the angles of which are equal π and the opposite sides tangent each other
by continuation. The latter leads to the fact that the appearing Lame's
equation has a periodic integral such that the construction of the mapping
function is reduced to the determination of this integral. Beside of the
obtained strong solution simple but very exact approximative formulas are
given.

RED'KIN, N.P. (Chernovtay); GRISHANOVA, A.A.; vrach-stomatolog (Moskva);
KANTAUTSKAS, V.A. vrach (Kaunas); PERGAMIN, A.P. (Odessa);
KRASNOV, L.M., inzh. (Dnepropetrovsk).

Editor's mail. Zdorov'e 9 no.1026-27 0163 (MIRA 16:12)

GONCHAROV, I.Ye. veterinarnyy vrach; PERGAT, F.P., veterinarnyy vrach;
STEPANOV, A.M., veterinarnyy vrach.

Effectiveness of "amino acriquine" in theileriasis in cattle.
Veterinariia 30 no.7:27-28 Jy '59. (MLRA 6:?)

PERGAT, F. F.; GONCHAROV, I. Ye.; STEPANOV, A. M. (Veterinarians)

On the Effectiveness of Amino-Acrichin in Theileriasis of Cattle.

SC: Veterinariya; Vol. 30; No. 7; 27; July 1953 Unclassified. Trans. #121 by L. Lulich

AKHME DBABAYEV, M.Kh.; ARIFDZHANOV, K.A.; BELOUSOV, N.A.; BELYAKOV, S.P.;
ZOTOV, V.G.; ISAYEVA, Z.D.; MAKHMUDOV, I.A.; ISHCHE NKO, F.S.;
KRASIL'NIKOV, Ya.A.; NIKOL'SKIY, I.P.; NETSETSKIY, A.M.;
PERGAT, E.E.; PAVLOVSKAYA, M.D.; SAMSONOV, L.S.; POLIZHAYEV,
A.I.; SMIRNOV, F.Ye.; SAJININ, M.N.; SHUTYAYEV, N.A.; CHIZHIK,
V.I.; KARPENKO, P.M.; IMBROV, A.I.

Mikhail Aleksandrovich Nenetskii; obituary. Veterinaria 37
no.10:94 O '60. (MIRA 15:4)
(Nenetskii, Mikhail Aleksandrovich, 1899-1960)

PERGAT, F.F., zasluzhennyi Veterinarnyy vrach UzSSR.

Are cottonseed cakes and hulls from plants treated with systemic poisons during the vegetative period harmful to animals? Zashch.
rast. ot vred. 1 bol. 4 no.5:59 S-0 '59. (MIRA 16:1)
(Cottonseed products as feed) (Insecticides)

PERGAT, F.F.; STOLYAROVA, A.G.

Clinical and pathologicoanatomical changes in horses after
poisoning with dodder. Trudy Uz.nauch.-issl.inst.vet. 14:239-
247 '61. (MIRA 16:2)

(Uzbekistan--Dodder--Toxicology)
(Uzbekistan--Horses--Diseases and pests)

PERGAT, F.F.

Jul 53

USSR/Veterinary - New Drug

"The Effectiveness of Aminoquinacrine in Theileriosis of Cattle," I.E. Goncharov, F.F. Pergat, A.M. Stepanov, Vet Physicians

Veterinariya, No 7, pp 27-28

Describes exptl application of a minoquinacrine (A5) in the treatment of Th. annulata of cattle. Used in the primary stages of the disease, the drug did not control the progress of parasitic development or fever. The administration of the 3rd and 4th intravenous doses of 0.0035g per one kg of live weight frequently produced a severe reaction. A

273T62

comparison table of the final effects of an intravenous administration of A5 and an intramuscular administration of sulfanethrol shows closely similar results.

ALIKAYEV, V.A.; DUL'NEV, V.I.; VASIL'KOV, G.V.; TROKHIN, V.K.;
IVASHCHENKO, S.A.; PLATONOV, V.A., veterinarno-sanitarnyy
eksper't; ROMANYUKHA, A.I.; BRYUSHKOV, P.; PERGAT, F.F.;
SPIRIN, F.; ARKADSKIY, V.P.; MEDVEDEV, I.

Brief news. Veterinariia 41 no.10:118-126 O '64.
(MIRA 18:11)

1. Nachal'nik veterinarno-sanitarnogo uchastka stantsii
Melitopol' Pridneprovskoy zheleznoy dorogi (for Romanyukha).

PERGAT, N.Z. [Perhat, N.Z.]

State of ovaries in the gray mullet (*Mugil auratus* Rissö) from
Lake Molochnoye in August 1955; preliminary data. Pratsi Inst.
gidrobiol. AN URSR no.35:159-164 '60. (MIRA 14:4)
(Molochnoye, Lake—Gray mullets) (Ovaries)

PERGAT, N. Z.

State of ovaries of the golden gray mullet Mugil auratus Risso in
fall and winter. Nauch. dokl. vys. shkoly; biol. nauki no. 3:33-36
'60. (MIRA 13:8)

1. Rekomendovana kafedroy embriologii Dnepropetrovskogo gosudarst-
vennogo universiteta im. 300-letiya vossoyedineniya Ukrainy s
Rossiyey.

(Gray mullets) (Varies)

PERGAT, N.Z.

Some materials on the reproduction of the bream in Lake Lenin,
near the Dnieper River. Nauch. dokl. vys. shkoly; biol. nauki
no.4:37-39 '64. (MIRA 17:12)

1. Rekomendovana kafedroy ikhtiologii i hidrobiologii
Dnepropetrovskogo gosudarstvennogo universiteta im. 300-
letiya vospovedineniya Ukrayiny s Rossiyey.

PERGAT, N.Z.

Gray mullets of the Molochnyy Liman. Gidrobiol. zhur. 1
no. 5:47-50 '65. (MIRA 18:11)

1. Dnepropetrovskiy gosudarstvennyy universitet.

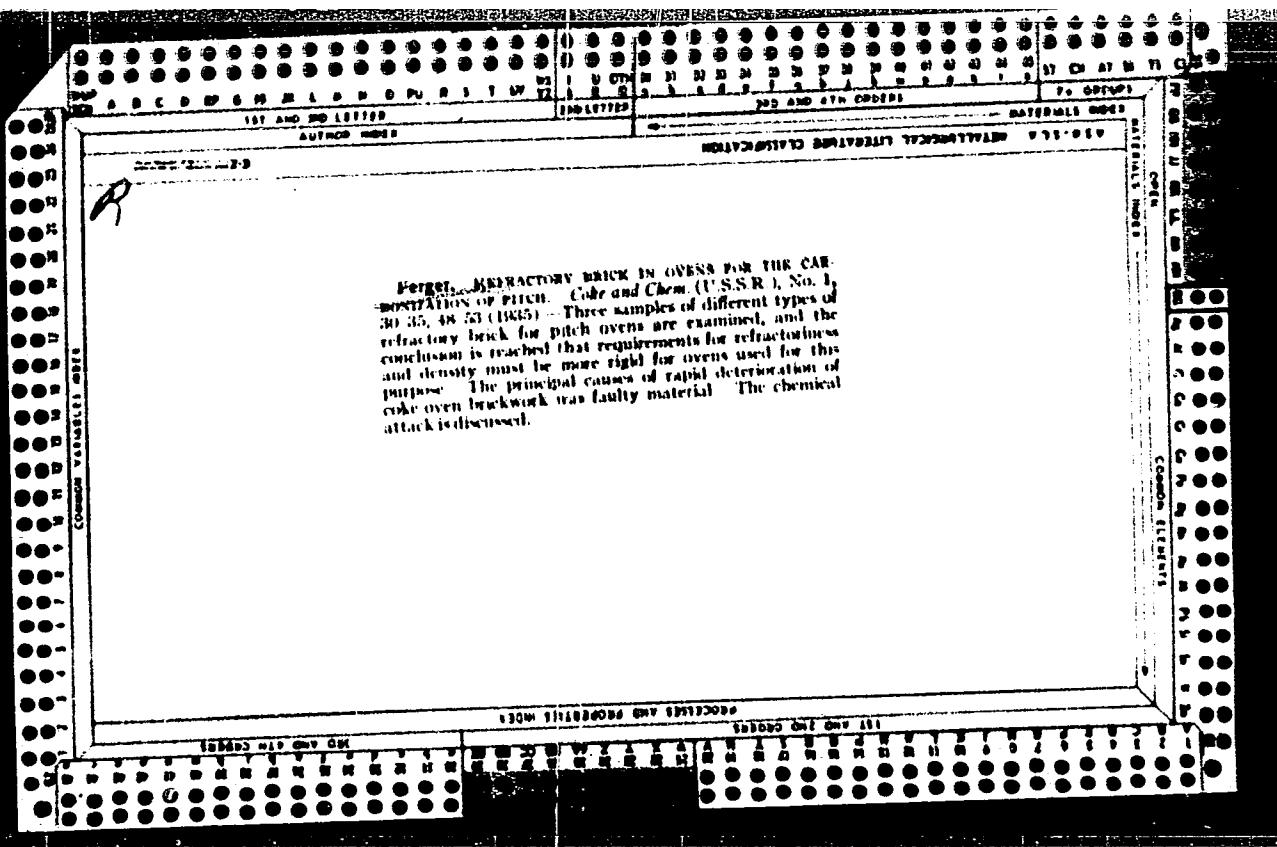
PERGEL, Jozsef

An extension of Kelmogorov's fundamental theorem to conditional probability spaces. Mat kut kozl MTA 6 no.1/2:61-63 '61.

(Kelmogorov, Andrei Nikolaevich)
(Spaces, Generalized) (Probabilities)

PERGEL, Jozsef

On a "big deviations" problem, Mat kut kozl MTA 8 series A no. 3:
303-308 '63('64).



The reaction of acrylonitrile and aromatic diazonium salts. W. H. Brunner and H. Perger. *Monatsh.* **79**, 187-97 (1948); *Oester. Akad. Wiss. Math.-naturw. Klasse, Sitzber., Abt. IIb*, **157**, 187-97 (1948). Employing the method of Meerwein (C.A. **33**, 62019), 31.8 g. $\text{CH}_2=\text{CHCN}$ (I), b.p. 73.0°, n_D²⁰ 1.3890, 400 cc. MeCO_2 , and 200 g. $\text{AcONa} \cdot 3\text{H}_2\text{O}$, at 5°, were treated with stirring, with 0.01 moles PhN_2Cl (II), followed by 23 g. CuCl_2 (III) in a little H_2O (N was evolved and the temp. rose to 10-11°), the mixt. cooled after 1.5 hrs., and the residue taken up in Et_2O , washed with Na_2CO_3 and H_2O , dried, cooled, and distilled, to give 81% $\text{PhCH}_2\text{CHClCN}$ (IV), b.p. 127.8°, m. 21.2-5° (from petr. ether), n_D²⁰ 1.5350. IV and alkali gave $\text{PhCH}_2\text{CHCO}_2\text{H}$. II in MeOH over Pd-C gave $\text{PhCH}_2\text{CH}_2\text{CN}$, b.p. 100.5°, n_D²⁰ 1.5230, and quinoline gave PhCH_2CHCN , m. 22°, n_D²⁰ 1.6043. In the above expt. (1) CuBr_2 instead of CuCl_2 gave 0% IV and 77% $\text{PhCH}_2\text{CHBrCN}$ (V), b.p. 144-5°, m. 27-8°. (2) PhNaBr and CuCl_2 gave 42.3% IV and 39.5% V. (3) $(\text{PhN}_2)_2\text{SO}_4$ and CuCl_2 gave 24% IV. From 0.1 mole each of I and II, 13 g. PhN_2N , 10 g. AcOH , and 50 cc. H_2O after 2 hrs. at 12-25° there was obtained 72.5% IV. By the 1st method above were obtained the following (R in $\text{RCH}_2\text{CHClCN}$, b.p., m.p., yield): 4-MeOC₂H₅, b.p. 174-9°, 41-2°, 70.2%; 2-MeOC₂H₅, b.p. 135-40°, 35-7°, 17.2%; 4-O₂NC₂H₅, b.p. 108-9°, 90.9%; 3-O₂NC₂H₅, b.p. 74.0°, 78.5%; 4-HO₂SC₂H₅, b.p. 137.0°, 92.7%; 4-HOCC₂H₅, b.p. 108.0°, 88.1%; and 4-ClC₂H₅, b.p. 153.9°, 50.9, 85.3%. The mechanism of the reaction is discussed.
Harry L. Vale

Detected in certain Potted fruits and fruit wines.
W. KRAMERSON, P. P. POGGIO, and D. HUNTER-
OWRA (Proceedings Chem., 1934, 38, 144-148).—Approx.
33% of added sorbitol (I) is recoverable by Werder's
procedure or as the boraxate. (If a no. of fruits and
fruit wines examined, (I) is absent) from strawberries
or strawberry wine.

G-III-4

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CIA-RDP86-00513R001240030004-7"

TOMASEGOVIC, Z.; JANKOVIC, Z.; PETKOVIC, V.; STANIC, M.; METLHEIM, S.; BLAZEVIC, D.; PERSIC, N.; ZORINC, S.; TEODOROVIC, B.; VRANCIC, J.; VODOPIJA, I.; ANTONIAZZO, Z.; CULIC, R.; GALINOVIC-WEIBGLASS, M.; RADANOV,^{2.4} MRAVUNAC, B.; KOEHLER-KUBELKA, N.; CEZNER, M.; KOHN, V.; TEKAVCIC, B.; EMILI, H.; SMEDEL, S.; SOOS, E.; VUKSANOVIC, V.; JANJATOVIC, M.; DERVISEVIC, I.; GRUENWALD, P.; SKRABALO, Z.; CREPINKO, I.; HAUPTMANN, E.; VIDACEK, S.; HORVAT, A.; MIOCKA, O.; IVANCEVIC, D.; PERGER, A.; KRSNJAVA, B.; PRAZIC, M.; SALAJ, B.; SUROVIC, R.; RADOSEVIC, Z.; KELER-BACOKA, M.; HAHN, A.; MATKOVIC, B.; RADONIC, M.

Review of periodicals; medicine. Bul sc Youg 9 no.4 '5:145-147
Ag-O '64.

"APPROVED FOR RELEASE: 06/15/2000

CIA-RDP86-00513R001240030004-7

APPROVED FOR RELEASE: 06/15/2000

CIA-RDP86-00513R001240030004-7"

PERGER, V.

Engineer Slavko Turner; obituary. Gradevinar 14 no.5:176
May '62.

BaAR, 5.0%; KJELDAN, 10.0%; TGA, 10.0%; IR, 10.0%; and

Present state of identification and systematization of the material
for paleontologists interested in fossilization and storage.
Normalized lists. Suppl: F₁/113 - F₁/128

Journal of Cryptology (2019) 32:1–36
© Springer Nature Switzerland AG 2019

APPROVED FOR RELEASE: 06/15/2000

CIA-RDP86-00513R001240030004-7"

BAAR, Jiri, inz.; NEUMANN, Miroslav; TATOČKA, Borivoj; PERGL, Jiri

Present state of typification and standardization of the equipment for palletization, handling of material and storage. Normalizace 12 nct. 5: Suppl.: Za vyssi kvalifikaci pracovnisku v technicke normalizaci Pj/89-Pj/112 My '64.

1. Kovotechna National Enterprise, Prague.

PERGL, O.

A new bonus system for engineers and employees in industry.

P. 2. (NOVA TECHNIKA) (Praha, Czechoslovakia) No. 1, 1958

SO: Monthly Index of East European Accession (EEAI) LC Vol. 7, No. 5, 1958

PERCL, V.

"Operational experiences with the CKD VEL 110 high-tension oil circuit breakers."

p. 569 (Energetika) Vol. 7, no. 11, Nov. 1957
Prague, Czechoslovakia

SO: Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 4,
April 1958

PERGL, Vladimir

Problem of dust deposits on the outdoor insulators of electrical installations. Energetika Gz 12 no.9:468-471 S '62.

1. Provozni vyzkumnik, externi clen Vyzkumneho ustavu energetickeho, Brno.

PERGLER, A., inzh. prepodavatel'

SKGX-6B checkrow planter. Tekh.v sel'khoz. 19 no.5:43-50
Nv '59.

1. Khot'kovskiy tekhnicheskii mekhanizatsii i elektrifikatsii sel'-
skogo khozyaystva.
(Planters(Agricultural machinery))

PERGLER, A.I.

For better instructional manuals from manufacturers. Trakt. i
sel'khozmash. no.12:43-44 D '59. (MIRA 13:3)
(Agricultural machinery--Handbooks, manuals, etc.)

PERGLER, B. (Praha)

Elimination of the secondary dustiness at the building
material industry worksites. Stavivo 41 no. 12: 453-454
D '63.

PERGLER, F.

Herman Mayerhofer's Uvod do bibliografie technicke literatury, i., s. 11-111
(Introduction to the bibliography of Technical literature, vol. I-II); a
book review, p. 101. (LVA TECHNICKA, Vol. 2, No. 6, June 1957, Praha,
Czechoslovakia)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 5, No. 12, Dec 1957. Uncl.

PERGLER, F.

The dam at the Iron Gate on the Danube; a common construction enterprise of Yugoslav and Hungarian power plants. p.73. (Nova Technika, Vol.2, no.3, Mar. 1957) Praha

SO: Monthly List of East European Accession (EEA), Vol.6, no.7, July 1957. Uncl.

PÉRGE, József

Transistor portable radio for short and medium waves. Radioteknika
12 no.6:166-167 Je '62.

BAAR, Jiri, inz.; NEUMANN, Zdenek; PATOCKA, Borivoj; PERGL, Jiri

Present state in the typification and standardization of equipment for palletization, handling of materials, and storage operations. Normalizace 12 no. 3: Supplement: Za vyssi kvalifikaci pracovniku v technicke normalizaci no. 3: P₁/41-P₁'72 '64.

1. Kovotechna National Enterprise, Prague.

PERGL, Vladimir

Basic technical problems and new trends in designing switch
plants in undermined areas. Energetika Cz 11 no.3:148-151
Mr '61.